



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q87779

Anthony Robert Milnes COATES

Appln. No.: 10/534,054

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: May 06, 2005

For: PAIN RELIEF AGENTS

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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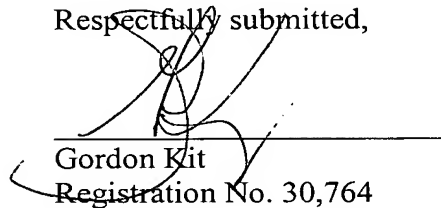
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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: March 22, 2006

Substitute for Form 1449 A & B/PTO			<i>Complete if Known</i>	
			Application Number	10/534,054
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Confirmation Number	Unknown
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			First Named Inventor	Anthony Robert Milnes COATES
			Art Unit	Unknown
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 4,440,859		04-03-1984	Rutter, et al.
		US 4,530,901		07-23-1985	Weissmann
		US 4,582,800		04-15-1986	Crowl
		US 4,677,063		06-30-1987	Mark, et al.
		US 4,678,751		07-07-1987	Goeddel
		US 4,704,362		11-03-1987	Itakura, et al.
		US 4,710,463		12-01-1987	Murray
		US 4,757,006		07-12-1988	Toole, Jr., et al.
		US 4,766,075		08-23-1988	Goeddel, et al.
		US 4,810,648		03-07-1989	Stalker
		US 5,856,305	A	01-05-1999	Lucietto, et al.
		US 6,117,421	A	09-12-2000	Morton, et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		WO	02/40037	A2	05-23-2002	St. George's Enterprises Limited	
		WO	01/04344	A2	01-18-2001	Stressgen Biotechnologies Corporation	
		WO	96/16083	A1	05-30-1996	Italfarmaco S.P.A.	
		WO	99/35270	A1	07-15-1999	Stressgen Biotechnologies Corporation	
		WO	02/40517	A2	05-23-2002	St. George's Enterprises Limited	
		WO	02/40038	A2	05-23-2002	St. George's Enterprises Limited	

NON PATENT LITERATURE DOCUMENTS

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		F. J. Andrews, et al., "Effect of iron chelation on inflammatory joint disease", Annals of the Rheumatic Diseases, 46, 327-333, (1987)	
		P. N. Baird, et al., "Cloning and Sequence Analysis of the 10 kDa Antigen Gene of Mycobacterium tuberculosis", Journal of General Microbiology 135, 931-939, (1989), XP-008005161	
		P. N. Baird, et al., "A major antigen from Mycobacterium tuberculosis which is homologous to the heat shock proteins groES from E.coli and the htpA gene product of Coxiella burnetii", Nucleic Acids Research, Vol. 16, Number 18 page 9047, (1988), XP-001074008	
		M. Bassan, et al., "The identification of secreted heat shock 60 -like protein from rat glial cells and a human neuroblastoma cell line", Neuroscience Letters 250, 37-40, (1998)	

Examiner Signature	Date Considered
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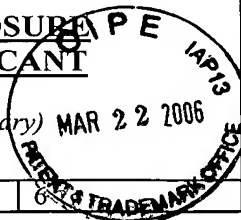
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		J. T. Beech, et al., "CD4 ⁺ Th2 Cells Specific for Mycobacterial 65-kilodalton Heat Shock Protein Protect Against Pristane-Induced Arthritis", The Journal of Immunology, 159, 3692-3697, (1997)	
		K. Bethke, et al., "Different Efficiency of Heat Shock Proteins (HSP) to Activate Human Monocytes and Dendritic Cells: Superiority of HSP60", The Journal of Immunology, 169, 6141-6148, (2002)	
		V. L. D. Bonato, et al., "Identification and Characterization of Protective T Cells in hsp65 DNA-Vaccinated and Mycobacterium tuberculosis-Infected Mice", Infection and Immunity, Vol. 66, No. 1, pp. 169-175, January 1998	
		A. C. Cavanagh, "Identification of early pregnancy factor as chaperonin 10: implications for understanding its role", Reviews of Reproduction, 1, 28-32, (1996)	
		H. Chiu, et al., "Differential Induction of Heme Oxygenase- 1 in Macrophages and Hepatocytes during Acetaminophen-Induced Hepatotoxicity in the Rat: Effects of Hemin and Biliverdin", Toxicology and Applied Pharmacology 181, 106-115, (2002)	
		A. R. M. Coates, et al., "Chaperonins in Health and Disease", Annals of NY Academy of Sciences, 851, 48-52, (1998)	
		A. R. M. Coates, et al., "The Unfolding Story of the Chaperonins", Biotechnology and Genetic Engineering Reviews", Vol. 16, pp. 393-405, April 1999	
		A. R. M. Coates, "Immunological Aspects of Chaperonins", The Chaperonins, Academic Press 267-296, (1996)	
		I. R. Cohen, "Peptide therapy for Type I diabetes: the immunological homunculus and the rationale for vaccination", Diabetologia, 45, 1468-1474, (2002)	
		N. Cranswick, et al., "Paracetamol Efficacy and Safety in Children: the First 40 Years", American Journal of Therapeutics, 7, 135-141, (2000)	
		H. L. F. Currey, et al., "Suppression of Adjuvant Disease in the Rat by Heterologous Antilymphocyte Globulin", J. Exp. Med., 127, 185-203, (1968)	
		D. Elias, "Induction and therapy of autoimmune diabetes in the non-obese diabetic (NOD/Lt) mouse by a 65-kDa heat shock protein", Proc. Natl. Acad. Sci. USA, Vol. 87, pp. 1576-1580, February 1990	
		C. El-Khoury, et al., "Attenuation of Neuropathic Pain by Segmental and Supraspinal Activation of the Dorsal Column System in Awake Rats", Neuroscience Vol. 112, No. 3, pp. 541-553, (2002)	

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		S. B. Flohé, et al., "Human Heat Shock Protein 60 Induces Maturation of Dendritic Cells Versus a Th1-Promoting Phenotype", The Journal of Immunology, 170, 2340-2348, (2003)	
		J. S. Friedland, et al., "Mycobacterial 65-kD heat shock protein induces release of proinflammatory cytokines from human monocytic cells", Clin Exp Immunol, 91, 58-62, (1993)	
		A. Frisk, et al., "GroEL Heat Shock Protein of Haemophilus ducreyi: Association with Cell Surface and Capacity To Bind to Eukaryotic Cells", Infection and Immunity, Vol. 66, No. 3, pp. 1252-1257, March 1998	
		G. Furness, "A breath of fresh air", Scrip Magazine, Pharmaceutical issues in perspective, pp. 10-13, November 2004	
		S. E. Girardin, et al., "Intracellular vs extracellular recognition of pathogens - common concepts in mammals and flies", Trends in Microbiology, Vol. 10, No. 4, pp. 193-199, April 2002	
		A. P. Gobert, et al., "Helicobacter pylori Heat Shock Protein 60 Mediates Interleukin-6 Production by Macrophages via a Toll-like Receptor (TLR)-2-, TLR-4-, and Myeloid Differentiation Factor 88-independent Mechanism", The Journal of Biological Chemistry, Vol. 279, No. 1 pp. 245-250, Jan. 2, 2004	
		F. Goulhen, et al., "Subcellular Localization and Cytotoxic Activity of the GroEL-Like Protein Isolated from Actinobacillus actinomycetemcomitans", Infection and Immunity, Vol. 66, No. 11, pp. 5307-5313, Nov. 1998	
		C. Habich, et al., "Different heat shock protein 60 species share pro-inflammatory activity but not binding sites on macrophages", FEBS Letters, 533, 105-109, (2003)	
		B. Henderson, et al., "Molecular chaperones and disease", Inflammation Research, 45, (155-158), 1996	
		W. S. Hills, "Areas of Emerging Interest in Analgesia: Cardiovascular Complications", American Journal of Therapeutics, 9, 259-269, (2002)	
		S. Jindal, "Heat Shock Proteins in Infections and Immunity", Heat Shock Proteins conference handout, Cambridge Center Marriott, Cambridge, MA, September 29-30, 1994	
		S. A. Kanaan, et al., "Endotoxin-induced local inflammation and hyperalgesia in rats and mice: a new model for inflammatory pain", Pain, 66, 373-379, (1996)	
		Kirby, et al., "Potent Bone-resorbing Mediator of Actinobacillus actinomycetemcomitans homologous to the Molecular Chaperone GroEL", J Clin Invest 96, 1185-1194, (1995)	

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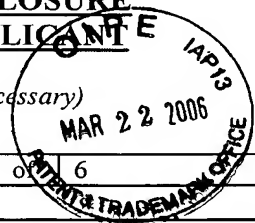
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		A. Kol, et al., "Chlamydial Heat Shock Protein 60 Localizes in Human Atheroma and Regulates Macrophage Tumor Necrosis Factor- α and Matrix Metalloproteinase Expression", <i>Circulation</i> , 98, 300-307 (1998)	
		A. Kol, et al., "Chlamydial and human heat shock protein 60s activate human vascular endothelium, smooth muscle cells, and macrophages", <i>The Journal of Clinical Investigation</i> , Vol. 103, No. 4, 571-577, February 1999	
		T. H. Kong, et al., "Mycobacterium tuberculosis expresses two chaperonin-60 homologs", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, 2608-2612, April 1993	
		R. A. Laskey, et al., "Nucleosomes are assembled by an acidic protein which binds histones and transfers them to DNA", <i>Nature</i> , Vol. 275, 416-420, October 5, 1978	
		J. Lewthwaite, et al., "Rhizobium leguminosarum chaperonin 60.3, but not chaperonin 60.1, induces cytokine production by human monocytes: activity is dependent on interaction with cell surface CD14", <i>Cell Stress and Chaperonins</i> , 7 (2) 130-136, (2002)	
		J. Lewthwaite, et al., "Circulating Human Heat Shock Protein 60 in the Plasma of British Civil Servants", <i>Circulation</i> , 106, 196-201, (2002)	
		J. Lewthwaite, et al., "Mycobacterium tuberculosis Chaperonin 60.1 Is a More Potent Cytokine Stimulator than Chaperonin 60.2 (Hsp 65) and Contains a CD14-Binding Domain", <i>Infection and Immunity</i> , Vol. 69, No. 12, 7349-7355, December 2001	
		D. B. Lowrie, et al., "Therapy of tuberculosis in mice by DNA vaccination", <i>Nature</i> , Vol. 400, 269-271, July 15, 1999	
		P. Matzinger, "An innate sense of danger", <i>seminars in Immunology</i> , Vol. 10, 399-415, (1998)	
		R. Medzhitov, et al., "Innate Immunity: The Virtues of a Nonclonal System of Recognition", <i>Cell</i> , Vol. 91, 295-298, October 31, 1997	
		S. Meghji, et al., "Mycobacterium tuberculosis Chaperonin 10 Stimulates Bone Resorption: A Potential Contributory Factor in Pott's Disease", <i>J. Exp. Med.</i> , Vol. 186, No. 8, 1241-1246, October 20, 1997	
		W. E. Peetermans, et al., <i>Infection and Immunity</i> , Vol. 63, No. 9, 3454-3458, September 1995	
		J. H. L. Playfair, "Immunology at a Glance", Blackwell Scientific Publications, Ch. 27 & 30, (1979)	
		S. Ragno, et al., "A synthetic 10-kD heat shock protein (hsp10) from Mycobacterium tuberculosis modulates adjuvant arthritis", <i>Clin Exp Immunol</i> , 103, 384-390, (1996)	

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		J. C. Ranford, et al., "Chaperonins are cell-signalling proteins: the unfolding biology of molecular chaperones", Expert Reviews in Molecular Medicine: http://www-ermm.cbcu.cam.ac.uk/0000201-5h.htm , September 15, 2000	
		N. A. Ranson, et al., "Review Article Chaperonins", Biochem. J., 333, 233-242, (1998), Great Britain	
		I Raz, et al., "β-cell function in new-onset type 1 diabetes and immunomodulation with a heat-shock protein peptide (DiaPep277): a randomized, double-blind, phase II trial", The Lancet, Vol. 358, 1749-1753, (2001)	
		K. Reddi, et al., "The Escherichia coli Chaperonin 60 (groEL) Is a Potent Stimulator of Osteoclast Formation", Journal of Bone and Mineral Research, Vol. 13., No. 8, 1260-1266, (1998)	
		Y. Rha, et al., "Effect of Microbial Heat Shock Proteins on Airway Inflammation and Hyperresponsiveness", The Journal of Immunology, 169, 5300-5307, (2002)	
		S. Sasu, et al., "Chlamydia pneumoniae and Chlamydial Heat Shock Protein 60 Stimulate Proliferation of Human Vascular Smooth Muscle Cells via Toll-Like Receptor 4 and p44/p42 Mitogen-Activated Protein Kinase Activation", Circulation Research, 89, 244-250, (2001)	
		S. Steinfeld, et al., "Results from a patient survey to assess gastrointestinal burden of non-steroidal anti-inflammatory drug therapy contrasted with a review of data from EVA to determine satisfaction with rofecoxib", Rheumatology, 41 (suppl. 1), 23-27, (2002)	
		P. Tabona, et al., "Homogeneous Escherichia coli Chaperonin 60 Induces IL-1β and IL-6 Gene Expression in Human Monocytes by a Mechanism Independent of Protein Conformation", The Journal of Immunology, 161, 1414-1421, (1998)	
		K. Takahashi, et al., "Analysis of heat shock proteins and cytokines expressed during early stages of osteoarthritis in a mouse model", Osteoarthritis and Cartilage, 5, 321-329, (1997)	
		S. J. Thompson, et al., "An Immunodominant Epitope from Mycobacterial 65-kDa Heat Shock Protein Protects Against Pristane-Induced Arthritis", The Journal of Immunology, 160, 4628-4634, (1998)	
		J. D. Thompson, "Clustal W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice", Nucleic Acids Research, Vol. 22, No. 22, 4673-4680, (1994)	

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		W. van Eden, et al., "Cloning of the mycobacterial epitope recognized by T lymphocytes in adjuvant arthritis", Nature Vol. 331, 171-173, January 14, 1988	
		E. M. E. Verdegaal, et al., "Heat Shock Protein 65 Induces CD62e, CD106, and CD54 on Cultured Human Endothelial Cells and Increases Their Adhesiveness for Monocytes and Granulocytes", The Journal of Immunology, 157, 369-376, (1996)	
		V. R. Windrow, et al., "Arthritogenic potential of the 65 kDa stress protein - an experimental model", Annals of the Rheumatic Diseases, 53, 197-201, (1994)	
		N. Yoshida, et al., "Chaperonin turned insect toxin", Nature, 411, p. 44, (2001)	
		U. Zügel, et al., "Role of Heat Shock Proteins in Protection from and Pathogenesis of Infectious Diseases", Clinical Microbiology Reviews, Vol. 12, No. 1, p. 19-39, January 1999	
		XP-002203460, EBI accession number Q59573; 60 kDa chaperonin	

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